

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"5719324".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/01 04:24
S2	47	("5719324").URPN.	USPAT	OR	ON	2007/10/01 05:11
S3	10	("5918263").URPN.	USPAT	OR	ON	2007/10/01 05:20
S4	23	(S2 or S3) and (atomic adj force)	USPAT	OR	ON	2007/10/01 05:32
S5	4	(S1 or S2 or S3) and stop and tap\$4	USPAT	OR	ON	2007/10/01 05:32
S6	47945	oscillat\$4 and chemical and (detect\$3 analy\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/14 13:16
S7	368	S6 and (436/183.ccls. 422/68.1,82.01.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/14 13:23
S8	145	S7 and amplitude	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/14 13:23
S9	2	S8 and (mechanical adj stop)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/14 13:24
S10	2	"20050009197".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/14 13:28
S11	38	S8 and cantilever	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/14 13:30
S12	13	("5538898").URPN.	USPAT	OR	ON	2008/07/14 13:36
S13	547	(oscillat\$4 same cantilever) and chemical and (detect \$3 analy\$3) and amplitude	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/14 14:04

S14	350	(oscillat\$4 same cantilever same amplitude) and chemical and (detect \$3 analy\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/14 14:05
S15	9	S14 and (436/183.ccls. 422/68.1,82.01.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/14 14:05
S16	17	S14 and (chemical same (oscillat\$3 with (alter change manipulat \$3)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/14 15:43
S17	350	(oscillat\$4 same cantilever same amplitude) and chemical and (detect \$3 analy\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/14 17:38
S18	17	S17 and (chemical same (oscillat\$3 with (alter change manipulat \$3)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/14 17:38
S19	5	S18 and stop	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/14 17:38
S20	362	(oscillat\$4 same cantilever same amplitude) and chemical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/14 17:39
S21	9	S20 and (436/183.ccls. 422/68.1,82.01.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/14 17:39
S22	3	S21 and stop	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/14 17:40
S23	5620	oscillat\$4 same cantilever\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/14 17:41
S25	274	oscillat\$4 same (cantilever\$2 with (touch\$3 tap\$4 hit\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/14 17:42
S26	6	S25 and (chemical same (oscillat\$3 with (alter change manipulat \$3)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/14 17:43

S27	3	S26 and stop	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/14 17:54
S28	2	"20030154771".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/14 19:11
S29	8	"563331".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/14 19:12
S30	274	oscillat\$4 same (cantilever\$2 with (touch\$3 tap\$4 hit\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/14 19:51
S31	6	S30 and (chemical same (oscillat\$3 with (alter react\$3 change manipulat\$3)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/14 19:51
S32	670	oscillat\$4 same cantilever\$2 same (touch\$3 tap\$4 hit\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/14 19:51
S33	8	S32 and (chemical same (oscillat\$3 with (alter react\$3 change manipulat\$3)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/14 19:52
S34	223	elings.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/14 20:08
S35	5	S34 and 250/234.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/14 20:08
S36	5	S35 and tap\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/14 20:08
S37	13	("RE36488").URPN.	USPAT	OR	ON	2008/07/15 17:49
S38	4459	atomic adj force adj microscope	USPAT	OR	ON	2008/07/16 12:21
S39	1452584	analy\$4 or detect\$3	USPAT	OR	ON	2008/07/16 12:25
S40	3498	S38 and S39	USPAT	OR	ON	2008/07/16 12:26

S41	820	oscillat\$4 with (chang \$3 alter\$3) with (chemical sample analyte)	USPAT	OR	ON	2008/07/16 12:44
S42	93	S40 and S41	USPAT	OR	ON	2008/07/16 12:45
S43	1	S42 and (436/183.ccls. 422/68.1,82.01.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/16 12:45
S44	93	S38 and S41 and S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/16 12:45
S45	1	S38 and S41 and S42 and S43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/16 12:45
S46	1	S38 and S41 and S43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/16 12:49
S47	58	S38 and S39 and S41 and tap\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/16 12:49
S48	1	S47 and ("422"/\$.ccls. or "436"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/16 12:51
S49	53	S38 and S39 and S41 and (tap or tapping or stop)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/16 12:54
S50	1	S49 and ("422"/\$.ccls. or "436"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/16 12:55
S51	108451	cantilever	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/16 12:58
S52	148650	("422"/\$.ccls. or "436"/ \$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/16 12:58
S53	12	S51 and S52 and S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/16 12:59

S54	1	S53 and (tap or tapping)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/16 12:59
S55	392450	(tap or tapping)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/16 13:01
S56	40	(S39 same S41) and S51 and S55	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/16 13:01
S57	111	oscillat\$4 with (chang \$3 alter\$3) with (chemical)	USPAT	OR	ON	2008/07/16 13:30
S58	3	(S39 same S57) and S51 and S55	USPAT	OR	ON	2008/07/16 13:30
S59	1	"6906450".pn. and tap \$4	USPAT	OR	ON	2008/07/16 13:34

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